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23-24. Telegraphy.
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26. Westinghouse and New York Air Brakes; Car Lighting, etc.
27. Locomotive Boilers; Steam, Cylinders, and Valve Gears, etc.
28. Navigation; Ocean Meteorology; Rules of the Road; Tables.
29. Lake Navigation; Nautical Astronomy.
30. Masonry; Carpentry; Joinery.
31. Stair Building; Ornamental Ironwork; Roofing, etc.
32. Plumbing and Gas-fitting; Heating and Ventilation, etc.
33. History of Architecture; Architectural Design; Specification.
34. Surveying and Mapping; Railroad Location; Construction, Track Work, etc.
34*b*. Railroad Location; Construction and Structures; Track Work.
35. Analysis of Stresses; Proportioning the Material, etc.
36. Astronomy; Drainage; Sewerage; Water Supply and Distribution; Irrigation.
36*b*. Geometry; Trigonometry; Chain, Compass and Transit Surveying.
37. Mine Gases and Ventilation; Geology of Coal, etc.
37*b*. Mine Gases; Mine Ventilation; Fuels.
38. Mine Haulage and Hoisting; Surface Arrangements at Mines, etc.
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39. Blowpiping; Mineralogy; Assaying; Prospecting, etc.
40. General Law; Personal Rights; Property; Wills; Contracts.
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65. Foot, Hand and Head Covering; House Furnishings, etc.
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